

# RF Probe Station – Vervier RFP601-K

## DATA SHEET

### RFP601-K

The RFP600 is an stable and extremely precise PCB board probe station built for research R&D lab probing use. It is available in 430mm \*600mm PCB. Vervier RFPDS300 is designed to assist RD specialist to characterize RF or DC measurement in manual condition

RFPDS300 probe system is specifically designed to address the requirements of research personnel – simplicity and ease of operation for PCB probing environment.

The Vervier RFP600 provides features and options such as Dual High magnification optical output scope, Optical Device probing, Rigid PCB DC characterization probing, Low-leakage/High Voltage probing. Customer can easily choose numerous accessories added at a later date to enhance the system functionality.



## FEATURES AND BENEFITS

- Firm footprint – fits on ground, in a dark box
- Sold as a completely configured system
- Interchangeable components - can be used as a single or multiple application system
- Modular – numerous accessories can be added for additional capability
- DC, RF/Microwave versions available

## CONFIGURATION INCLUDES:

- Rigid Stainless Steel base on Aluminium Alloy structure design
- PCB chuck insulation
- Fixed PCB size 430\*600mm
- Stainless steel plated platen for magnetic positioner
- Two (2) RF PSTRF400 manipulators with magnetic bases, face plates and coaxial probe arms (standard),
- Fine stage movement using micrometer control - X (12 mm), Y (12 mm), Z (12 mm) & Theta (10 degree)
- Microscope rotate X, Y movement of 300mm x 300 mm
- 40X~230X magnification single lens microscope with 150 mm working distance
- Optional two Microscope and Signal output integration



## SPECIFICATIONS

Dimensions	1160 mm X 1000mm X 1820 mm (W,D,H) – with Option
Weight	350 kg
Base	Solid Stainless Steel based
PCB Chuck	Adjustable PCB Holder from 150*150 to maximum 430*600(mm) dimension, with Tap-Fix rail compression plate fixture clamp for horizontal PCB platform holding
Platen	Adjustable X-Y axis free rail platform for RF/DC probe positioners including top and back side
Optics	Dual 40X~230X magnification single lens microscope 150 mm working distance
Utilities	Power: AC 110V AC 50-60 Hz 20A
Options & Accessories	Two Microscope Signal output integration Manipulators, Probe Arms, Probes, Cables – Coaxial, Triaxial, HF, Package Part Hold
Vibration	Isolation cushion

**Note:** Data and specifications vary depending on probe system configurations and accessories

